



EQUUM PTO-1449 MODIFIED				Docket No.: 30505.11.84		Application No.: 10/621,594	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>				APPLICANT: Daniel J. Frederickson, et al.			
				FILING DATE: July 17, 2003			
				GROUP ART UNIT: 3728			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,958,174	09/28/1999	Ramsberg, et al.				
	5,895,074	04/20/1999	Chess, et al.				
	5,842,722	12/01/1998	Carlson				
	5,695,589	12/09/1997	German, et al.				
	5,673,309	09/30/1997	Woynoski, et al.				
	5,667,247	09/16/1997	Ramsburg, et al.				
	5,662,976	09/02/1997	Popat, et al.				
	5,650,209	07/22/1997	Ramsburg, et al.				
	5,640,447	06/17/1997	Fonseca				
	5,632,511	05/27/1997	Longtin, et al.				
	5,534,320	07/09/1996	Raby				
	5,494,544	02/27/1996	Hill, et al.				
	5,427,832	06/27/1995	Longtin				
	5,413,532	05/09/1995	Raby				
	<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<b>OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)</b>							
EXAMINER SIGNATURE 				DATE CONSIDERED 10-26-04			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							



PTO-1449 MODIFIED

Docket No.:  
30505.11.84Application No.:  
10/621,594**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

APPLICANT: Daniel J. Frederickson, et al.

FILING DATE: July 17, 2003

GROUP ART UNIT: 3728

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BD	5,403,236	04/04/1995	Greig			
	5,281,799	01/25/1994	McIntire, et al.			
	5,219,183	06/15/1993	McKillip			
	5,209,514	05/11/1993	Hebert			
	5,173,080	12/22/1992	Longtin			
	5,131,686	07/21/1991	Carlson			
	4,986,868	01/22/1991	Schmidt			
	4,978,146	12/18/1990	Warther, et al.			
	4,957,311	09/18/1990	Geisenheimer			
	4,828,104	05/09/1989	Ribellino, Jr.			
	4,815,768	03/28/1989	Applebaum, et al.			
	4,795,196	01/03/1989	Hyun, et al.			
	4,791,281	12/13/1988	Johnsen, et al.			
BD	4,687,231	08/18/1987	Hartmann			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**


EXAMINER SIGNATURE

DATE CONSIDERED

10-26-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



FORM PTO-1449 MODIFIED				Docket No.: 30505.11.84		Application No.: 10/621,594		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				APPLICANT: Daniel J. Frederickson, et al.				
				FILING DATE: July 17, 2003				
				GROUP ART UNIT: 3728				
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
BDS ↓	4,636,179	01/13/1987	Gentile, et al.					
	4,617,215	10/14/1986	Telesco					
	4,606,555	08/19/1986	Adams					
	4,602,737	07/29/1986	Lorenz					
	4,602,447	07/29/1986	Feingold					
	4,589,687	05/20/1986	Hannon					
	4,531,993	07/30/1985	Bradley					
	4,520,958	06/04/1985	Jones, et al.					
	4,204,639	05/27/1980	Barber, et al.					
	4,051,996	10/04/1977	Ross, et al.					
	3,895,220	07/15/1975	Nelson, et al.					
	3,734,396	05/22/1973	Cowan					
	3,716,439	02/13/1973	Maeda					
	BDS	3,697,101	10/10/1972	Loos, et al.				
	FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
EXAMINER SIGNATURE Bryan B. Gal				DATE CONSIDERED 10-26-04				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.								



FORM PTO-1449 MODIFIED

Docket No.:

30505.11.84

Application No.:

10/621,594

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

APPLICANT: Daniel J. Frederickson, et al.

FILING DATE: July 17, 2003

GROUP ART UNIT: 3728

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BJA</i>	3,684,869	08/15/1972	Relter			
	3,461,581	08/19/1969	Hoffmann			
	3,164,317	05/20/1963	Bogen			
	3,159,329	07/05/1963	Hiersteiner			
	3,069,793	12/25/1962	Francescon			
	2,616,612	11/04/1952	Guttman			
	2,284,586	05/26/1942	McDermott			
	2,279,164	04/07/1942	Gettleman			
	1,729,916	10/01/1929	Veron			
	1,384,457	07/12/1921	Fetters			
	1,381,609	06/14/1921	Woronzoff			
	449,973	04/07/1891	Smith			
<i>BJA</i>	6,328,341	12/11/2001	Klure			
	6,457,649	10/01/2002	Hileman			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**


EXAMINER SIGNATURE

*Daniel J. Frederickson*

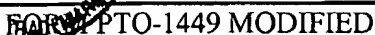
DATE CONSIDERED

*10-26-04*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



PTO-1449 MODIFIED				Docket No.: 30505.11.84		Application No.: 10/621,594	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>				APPLICANT: Daniel J. Frederickson, et al.			
				FILING DATE: July 17, 2003			
				GROUP ART UNIT: 3728			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>BDG</i>	6,454,165	09/24/2003	Dawson				
<i>BDG</i>	6,315,206	11/13/2001	Hansen et al.				
<i>BDG</i>	5,975,302	11/02/1999	Young				
	<del>0,088,855</del>	<del>07/11/2002</del>	<del>Hodes</del>			<i>Do not include</i>	
<i>BDG</i>	5,918,909	07/06/1999	Fiala et al.				
	5,842,629	12/01/1998	Sprague et al.				
	5,791,474	08/11/1998	Hansen				
	5,777,305	07/07/1998	Smith et al.				
	5,760,381	06/02/1998	Stich et al.				
<i>BDG</i>	5,740,915	04/21/1998	Williams				
	<del>0,157,974</del>	<del>10/31/2002</del>	<del>Krahn</del>			<i>Do not include</i>	
<i>BDG</i>	5,921,585	07/13/1999	Goade, Sr.				
<i>BDG</i>	6,439,613	08/27/2002	Klure				
	<del>0,045,738</del>	<del>11/29/2001</del>	<del>Klure</del>			<i>Do not include</i>	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<b>OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)</b>							
EXAMINER SIGNATURE <i>Daniel J. Frederickson</i>				DATE CONSIDERED <i>10-26-04</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							



Application No.:  
10/621,594

GROUP ART UNIT: 3728

## U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)


DATE CONSIDERED

#2864986\1